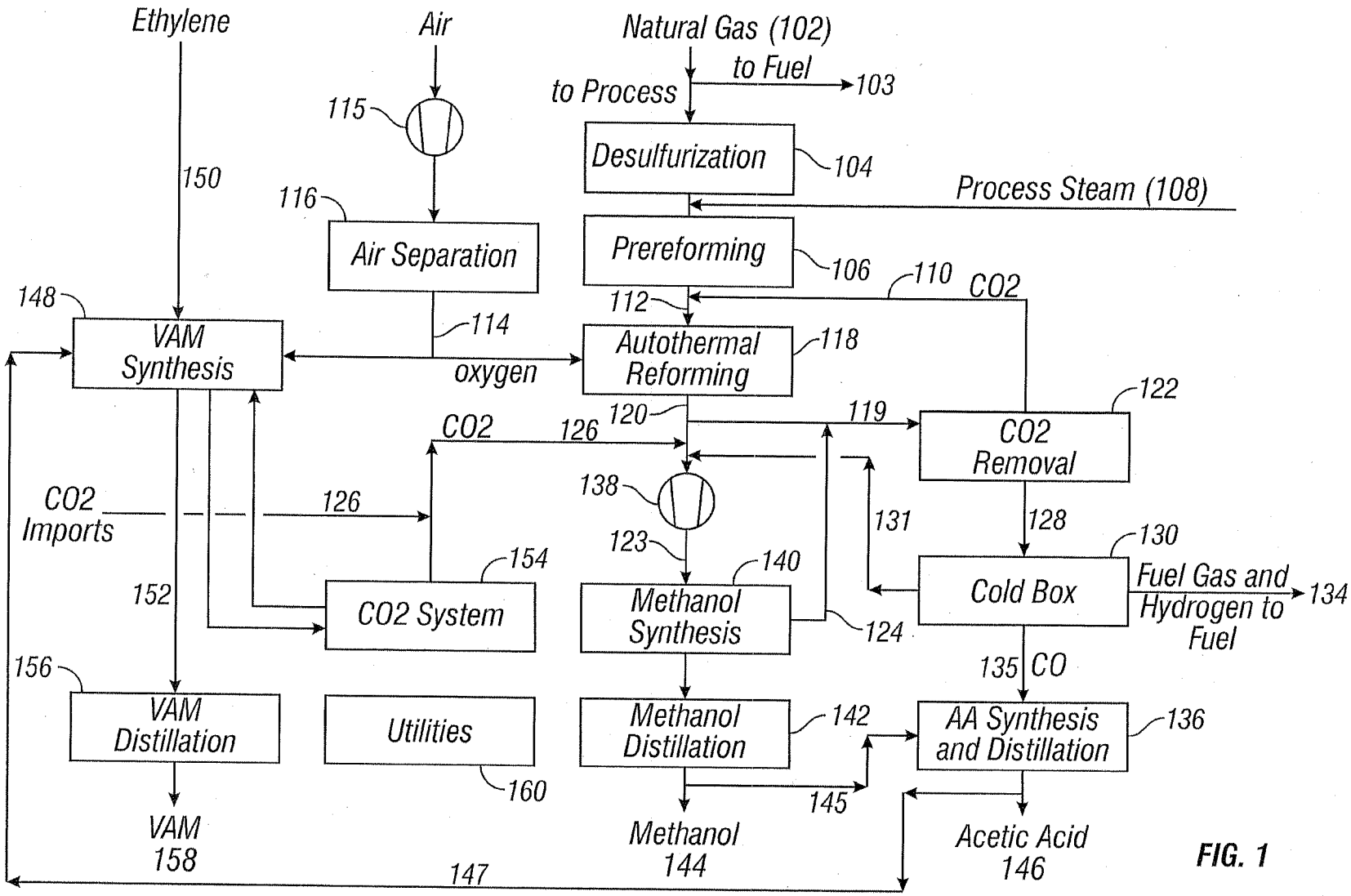
Ethylene
Air
Natural Gas (102)
to Process
to Fuel
103
115
150
Desulfurization
104
116
Process Steam (108)
Air Separation
Prereforming
106
110
CO2
148
112
VAM Synthesis
114
Autothermal Reforming
118
oxygen
122
120
119
CO2
126
CO2 Removal
138
CO2 Imports
126
131
128
123
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154
140
Fuel Gas and Hydrogen to Fuel
134
152
CO2 System
Methanol Synthesis
Cold Box
124
135
CO
156
VAM Distillation
Utilities
Methanol Distillation
142
AA Synthesis and Distillation
136
160
145
VAM 158
Methanol 144
Acetic Acid 146
147

FIG. 1